

REMARKS

New main claim 5 clarifies that the phase error detector successively executes a plurality of different algorithms in a certain order for each of the decision regions until a phase correction signal having no additional zero-crossing points is generated.

It will be recalled from Fig. 4 that the phase correction signal has a zero-crossing locking point at the origin, as well as undesirable zero-crossing points away from the origin. As shown in Fig. 3, it is desired to eliminate these additional undesirable zero-crossing points by successively executing the different algorithms until this condition is met.

As the Examiner acknowledged, Saito does not teach executing a plurality of different algorithms. MacDonald does not disclose executing different algorithms in a certain order until a certain condition is met, that is, the absence of additional zero-crossing points in a phase correction signal.

Petition is hereby made for a one-month extension of the period to respond to the outstanding Official Action to June 28, 2006. A check in the amount of \$120.00, as the Petition fee, is enclosed herewith. If there are any additional charges, or any overpayment, in connection with the filing of the amendment, the Commissioner is hereby authorized to charge any such deficiency, or credit any such overpayment, to Deposit Account No. 11-1145.

Wherefore, a favorable action is earnestly solicited.

Respectfully submitted,

KIRSCHSTEIN, OTTINGER, ISRAEL & SCHIFFMILLER, P.C.

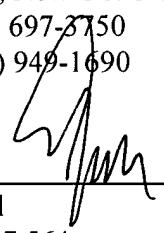
Attorneys for Applicant(s)

489 Fifth Avenue

New York, New York 10017-6105

Tel: (212) 697-3750

Fax: (212) 949-1690



Alan Israel
Reg. No. 27,564